

FIG.1

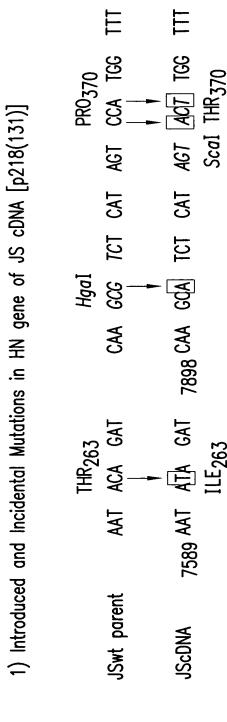


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ATC GGT 2) Incidental mutations in the L gene of JScDNA [p218(131)] ASN₆₁₈ AC 11328 AAG AG Ç₩ C₩ 10350 GCT SCI



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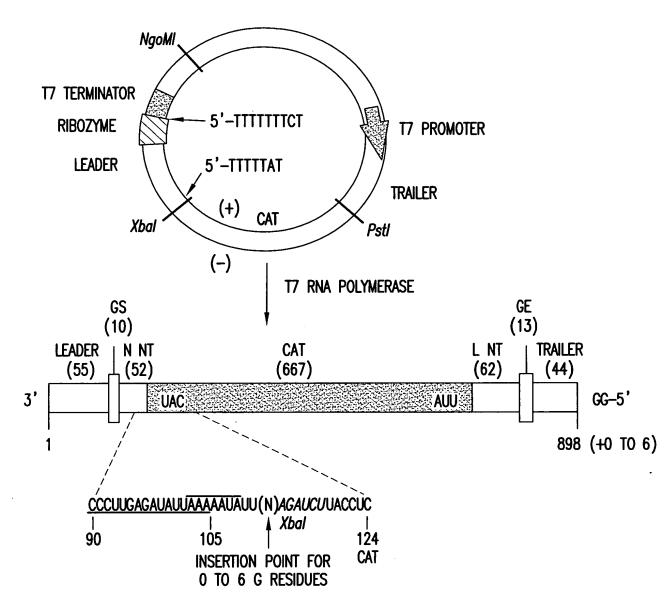


FIG.3



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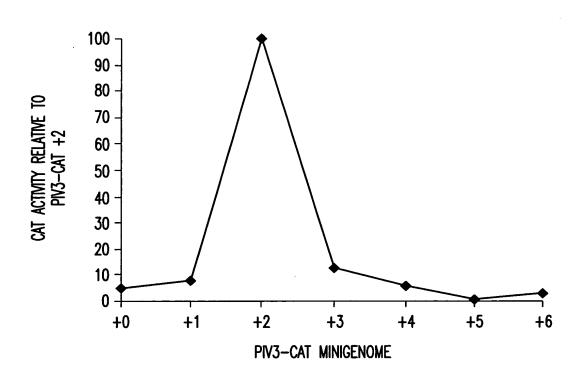


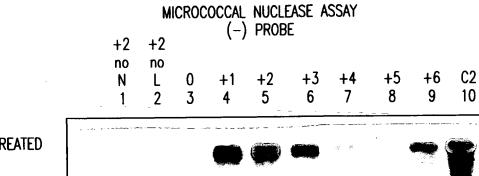
FIG.4



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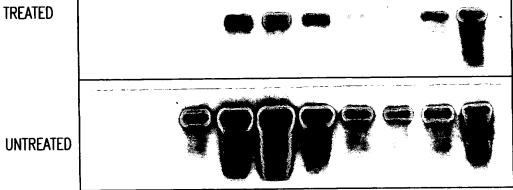


FIG.5A

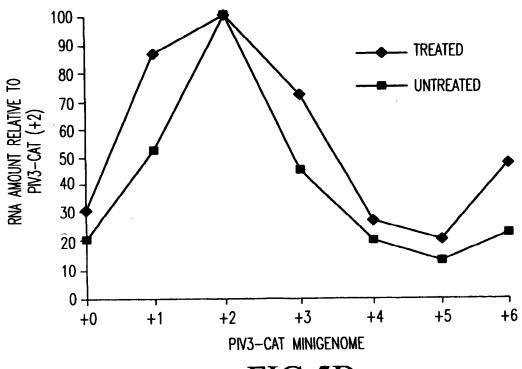


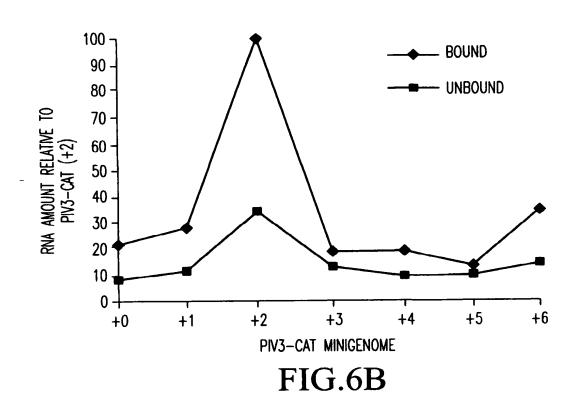
FIG.5B

UNBOUND

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OLIGO dT ASSAY +2 +2 no no C2 +5 L +6 +3 N 0 +1 +2 10 5 6 7 8 9 2 3 4 1 **BOUND**

FIG.6A



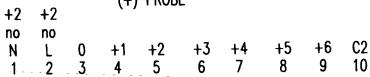
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MICROCOCCAL NUCLEASE ASSAY
(+) PROBE



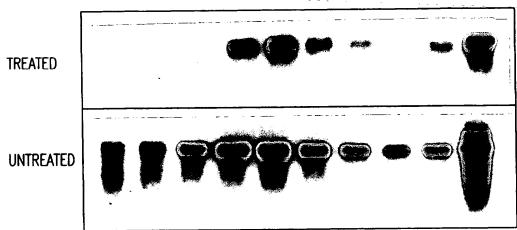


FIG.7A

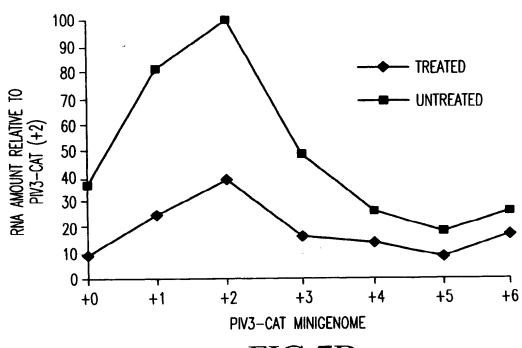


FIG.7B

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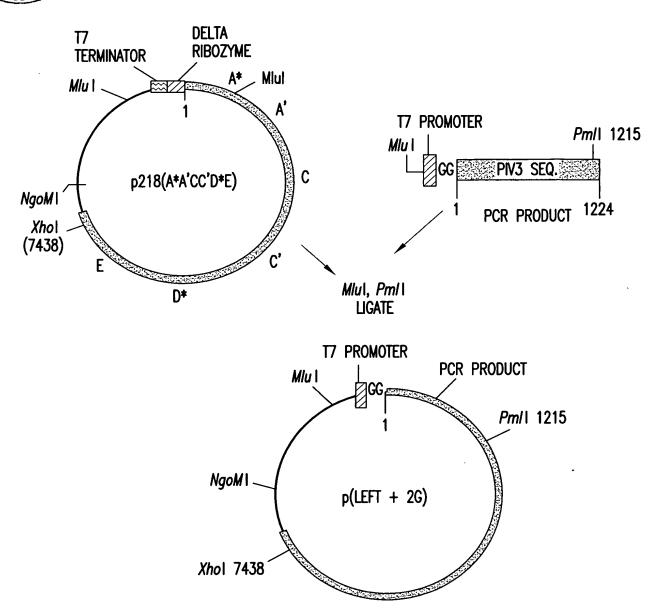


FIG.8

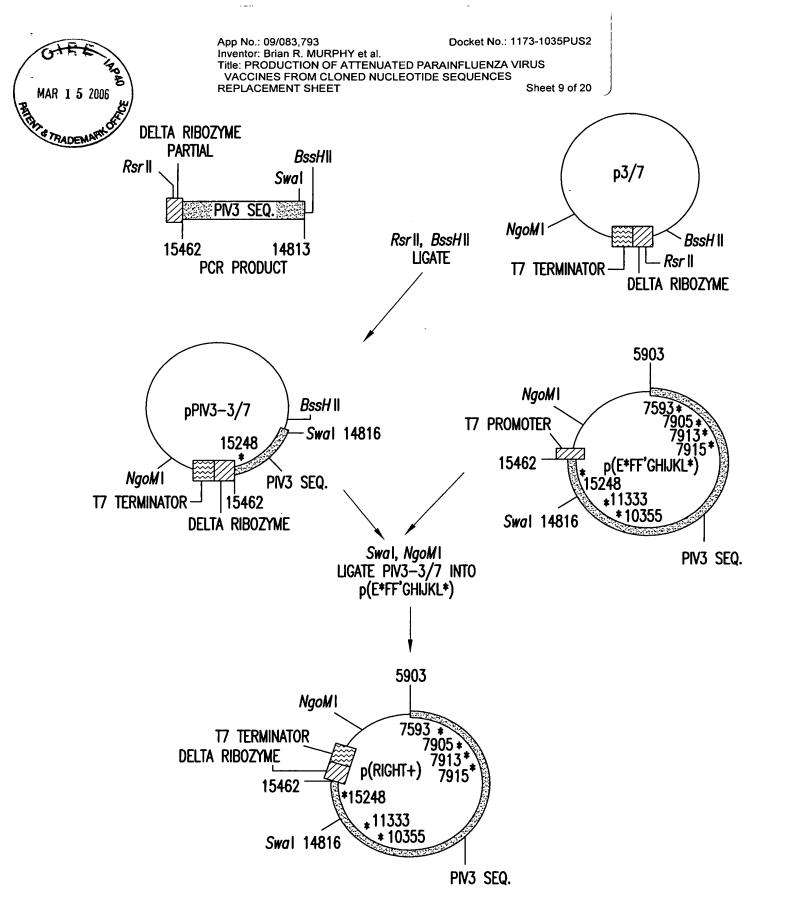


FIG.9

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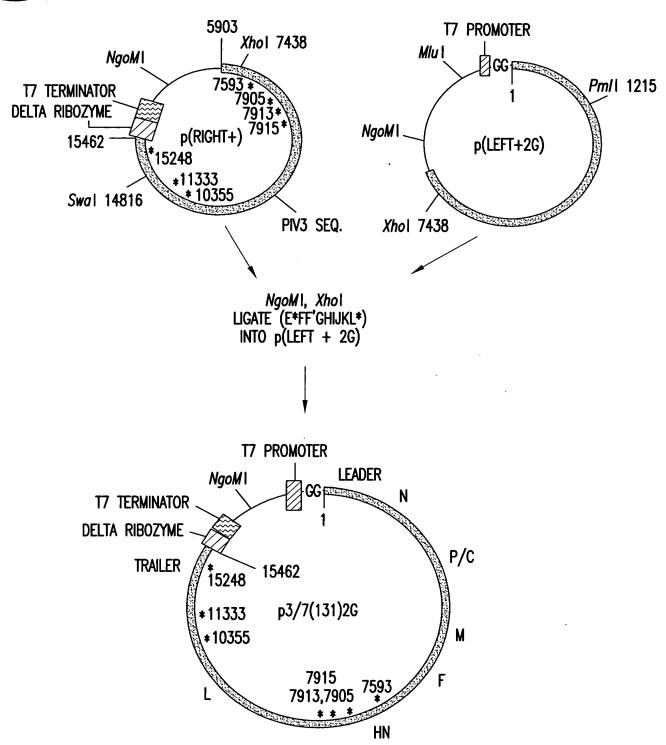


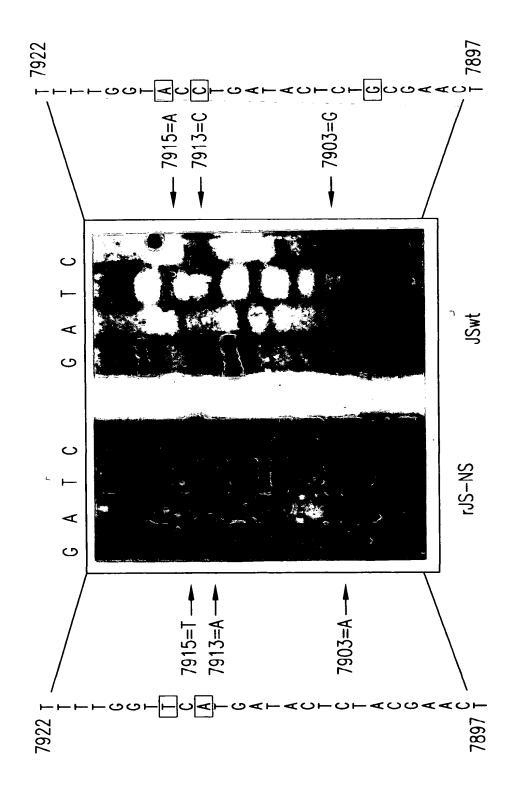
FIG.10

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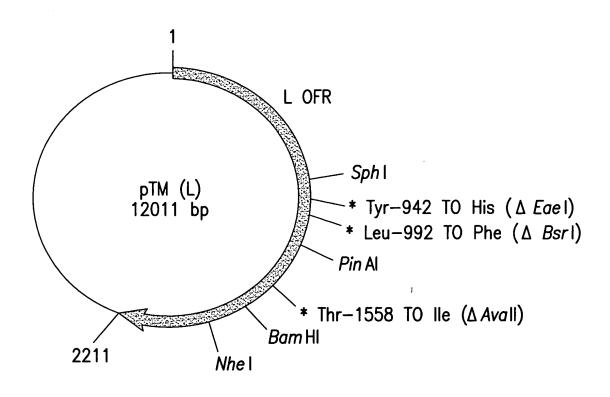


FIG.12

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M (2 3)		MUTATIONS	cp45 MUTATIONS INTRODUCED INTO rPIV3) INTO rPIV3	_	
	2/4 *	Σ	-	NH NH		6
	3' N P/C	×	<u></u>	NH.	7	2,
	3'[N P/C	*	L	NE.		2,
	3'[N P/C	3	*			2,
	3'[N P/C	×	L	* ~		5,
	3'[N P/C	>	L	¥	*	5,
rcp45 3' NL		×	LL	¥	*	5,
rcp45 3' NCMFHN	3' N P/C	*	**	* *		5,
	3' N P/C	*	*	* NH	*	5,

SCHEMATIC REPRESENTATION OF RECOMBINANT PIV3 VIRUSES BEARING MUTATIONS (*) IN THE 3' LEADER, N GENE START, N, C, M, F, HN AND/OR L PROTEINS

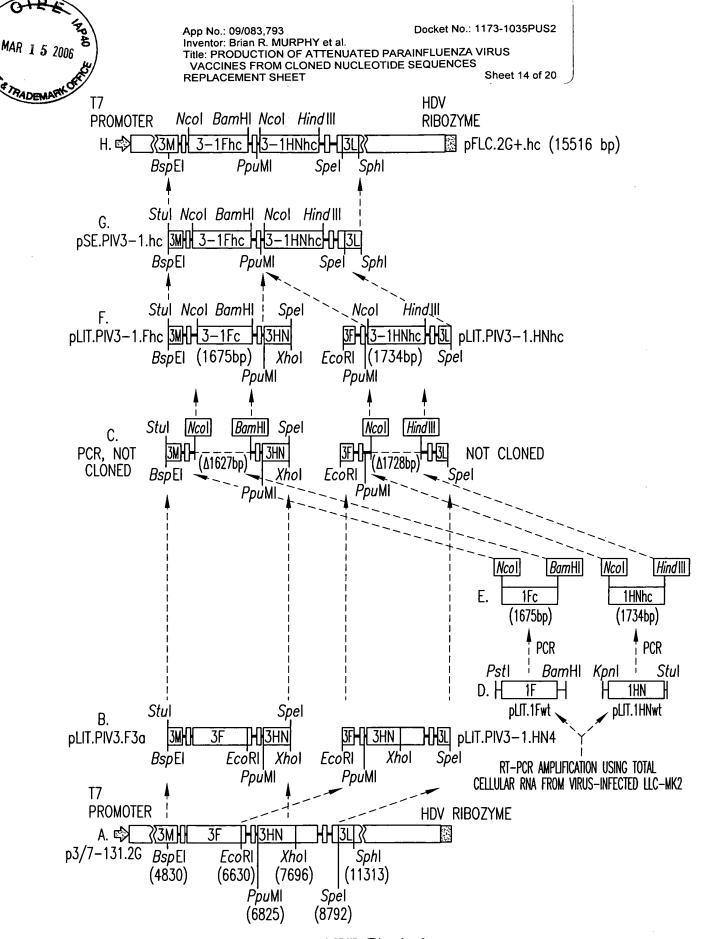


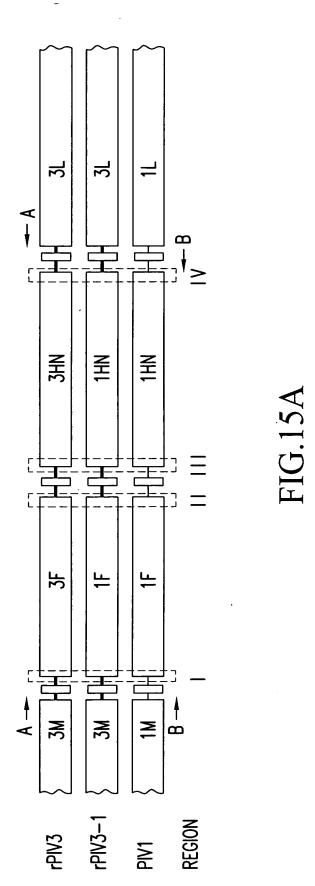
FIG.14

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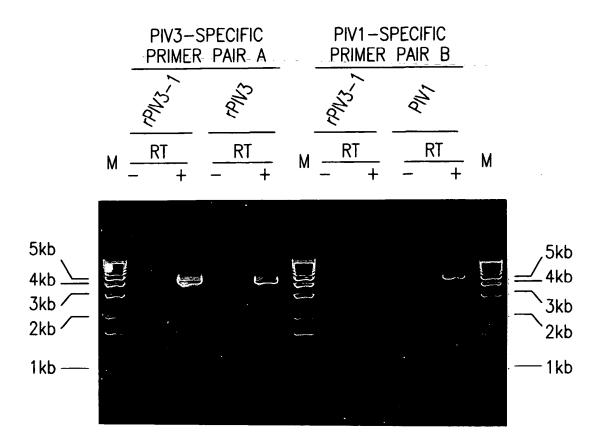


FIG.15B

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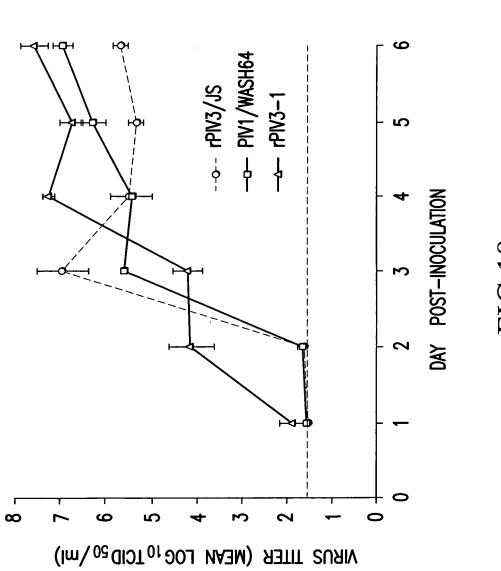
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rPIV3		5107
rPIV3-1	5039 AAGAGACCGCAACACAACAAGAGCACTGAAAAATCAGAAAATCAGAAAATCTTCTTAGTATACTCA	5107
PIV1	AAATTCATAATAAACACCAAGATAGAGACAAAAATGCAAAAATCAGAGATCCTCTTCTTAGTATACTCA Gin TO Giu	
rPIV3		6727
rPIV3-1	6707 AGAAATCCCTACATGGGTAACAACTCCCAATTAGGATCCCTACAGATCATTAGATATTAAAAATTATAAAA	6775
PIV1		
rPIV3	TCGAGATGGAATACTGGAAGCATACCAATCACGGAAAGGAT	6841
rPIV3-1	6821 AGGAAGGACCCAATAGACAAATCCAAAT————————————	2/289
PIV1	GAGCTCTGGTACCAGCATCCCATCAAACCATGCCTGAAAAAGGGAAAACAAATAGTTCATATTGC	
rPIV3	REGION IV HN ORF 8486 ATGITCAAAAACAGAGATTCCAAAAAAGCTGCAGT <u>IAA</u> TCATAATTAACCATAATATGCATCAATCTA	8554
rPIV3-1	8540 AAGACAAGTATCCCTAAAATATGTAAAATCACATCTTAAGCTTAATTAA	8098
PIV1	AAGACAAGTATCCCTAAAAATATGTAAAATCACATCT <u>TGA</u> GCAGATCAAGGCCTTAAGTGTAGTGTATT	

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